INTERNATIONAL SEARCH REPORT

Form PCT/ISA/210 (second sheet) (January 2004)

Interponal Application No PCT/FI2004/000345

		PC1/F1200	<i>)4/000345</i>	
IPC 7	IFICATION OF SUBJECT MATTER D21H23/22 D21H21/16 D21H23/	770		
According to	to International Patent Classification (IPC) or to both national classifi	ication and IPC		
	SEARCHED	issuitor and IPC		
Minimum do IPC 7	ocumentation searched (classification system followed by classification $D21H$	ation symbols)		
	tion searched other than minimum documentation to the extent that			
Electronic d	late base consulted during the International search (name of data b	ase and, where practical, search terms used	d)	
EPO-In	terna1			
	ENTS CONSIDERED TO BE RELEVANT			
Category •	Citation of document, with indication, where appropriate, of the re	elevant passages	Relevant to claim No.	
X	US 3 850 673 A (NELSON S) 26 November 1974 (1974-11-26)		1-7,	
Y	column 11, line 11 - line 24 column 11, line 60 - line 62 figure 2		21-25,28 15	
X	US 4 340 011 A (WAHREN DOUGLAS E 20 July 1982 (1982-07-20)	1,2, 9-12,21,		
Y	column 3, line 31 - line 34 column 4, line 10 - line 19 figure 1		22,26-28 15	
Y	WO 03/004770 A (GROEN JOHAN; LI JUHA (FI); METSO PAPER INC (FI)) 16 January 2003 (2003-01-16) cited in the application claim 6	PPONEN	15	
		-/	 	
X Further	n annex.			
"A" documer	egories of cited documents : nt defining the general state of the art which is not	"T" later document published after the inter or priority date and not in conflict with in	the ennication but	
"E" earlier do	ocument but published on or after the international	cited to understand the principle or the invention "X" document of particular relevance; the cl cannot be considered novel or cannot	eory underlying the	
citation	cument is taken alone			
P documen	nt reterring to an oral disclosure, use, exhibition or seans an t published prior to the international filling date but an the priority date claimed	cannot be considered to involve an inv document is combined with one or mon ments, such combination being obviou in the art.	re other such docu- is to a person skilled	
AZIOT (III	ctual completion of the international search	*&* document member of the same patent family Date of mailing of the International search report		
	January 2005	02/02/2005		
Name and ma	alling address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk	Authorized officer		
	Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016	Songy, O		

INTERNATIONAL SEARCH REPORT

PCT/FI2004/000345

	ontinuation) DOCUMENTS CONSIDERED TO BE RELEVANT					
tegory °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.				
	WO 03/004769 A (GROEN JOHAN; LIPPONEN JUHA (FI); KINNUNEN JUHA S (FI); METSO PAPER IN) 16 January 2003 (2003-01-16) cited in the application					
j						

INTERNATIONAL SEARCH REPORT

formation on patent family members

International Application No PC1/FI2004/000345

		·	PC1/F12004/000345		
Patent document dted in search report		Publication date		Patent family member(s)	Publication date
US 3850673	A	26-11-1974	BE CH DE ES FR GB	711625 A 488853 A 1696284 A1 351194 A1 1563230 A 1227313 A 1229811 A	04-09-1968 15-04-1970 18-11-1971 16-11-1970 11-04-1969 07-04-1971 28-04-1971
			GB NL	1230095 A 6802978 A	28-04-1971 05-09-1968
US 4340011	A	20-07-1982	SE CA DE FI GB IT SE	436620 B 1149157 A1 3046960 A1 803920 A ,B, 2068781 A ,B 1188885 B 7910358 A	14-01-1985 05-07-1983 03-09-1981 18-06-1981 19-08-1981 28-01-1988 18-06-1981
WO 03004770	Α	16-01-2003	FI CA EP WO JP US	20011455 A 2450854 A1 1415040 A1 03004770 A1 2004533563 T 2005003083 A1	04-01-2003 16-01-2003 06-05-2004 16-01-2003 04-11-2004 06-01-2005
WO 03004769	A	16-01-2003	FI CA EP WO JP US	110443 B1 2450838 A1 1425473 A1 03004769 A1 2004533562 T 2004177939 A1	31-01-2003 16-01-2003 09-06-2004 16-01-2003 04-11-2004 16-09-2004